

## Technical Data Sheet

# KALDET Transparent Wood Stain No. 270-002

**N** means **LIVOS neutral** for the allergy-prone and chemically sensitive

<b>Application range</b>	Thin-layer stain for solid woods, veneers and multiplex in the interior - also for cabinet interiors. Not suitable for walking areas.
<b>Technical qualities</b>	Water repellent and permeable to moisture (water vapor). Complies with German Industrial Norm (DIN) 53 160, fast to perspiration and saliva. Suitable for toys according to DIN EN 71, part 3. Free of organic-chemical compounds according to DIN EN 71 part 9. Free from plasticizers, nanoparticles and biocides. KALDET – Transparent Wood Stain No. 270 was rated as <b>very good</b> in the magazine "Öko-Test: Guide for Construction, Habitation, Renovation" edition 5 / 2003.
<b>Full declaration</b>	Linseed oil - stand oil - natural resin ester, linseed oil, chalk, linseed oil - stand oil, linseed oil – wood oil – stand oil, silicic acid, micronized wax, Isoaliphates, and drying agents free of lead (Mn, Zr, Ca).
<b>Color</b>	002 colorless
<b>Dilution</b>	With SVALOS Spray Thinner No. 293 or SVALOS Thinner No. 222
<b>Application method</b>	By painting (undiluted), spraying (5 to 10% dilution) or dipping (up to 20% dilution) at temperatures above 12 °C (54 °F) and in dry weather conditions. At higher temperatures, please consider shorter drying times and re-brush sooner.
<b>Coverage</b>	1 undiluted liter (1.06 quart) is sufficient for approximately 15 to 30 m <sup>2</sup> (161 to 323 ft <sup>2</sup> ), i.e. 44ml/m <sup>2</sup> . Could be considerably less, depending on the surface condition and the absorbency of the wood. Test coat recommended!
<b>Drying time</b>	At 23 °C (73°F) and 50 % relative humidity 12 –24 hours. Subsequent coats can be applied after approximately 24 hours. Provide good light and ventilation conditions during drying times.
<b>Cleaning</b>	Clean equipment immediately after use with SVALOS Thinner No. 222, or LEVO Brush Cleaner No. 997.
<b>Specific gravity</b>	Approximately 0.90 g/ml.
<b>Safety advice</b>	<p>Ensure good ventilation during and after application. Always be sure to store and then dispose of cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with KUNOS Transparent Wood Stain No. 270 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid or applied product is not self-ignitable.</p> <p>H304 May be fatal if swallowed and enters airways.  H413 May cause long lasting harmful effects to aquatic life.  P273 Avoid release to the environment.  P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / a doctor  P331 Do NOT induce vomiting.  P501 Dispose of waste according to applicable legislation.  P405 Store locked up.</p>
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.1 l; 0.375 l; 0.75 l; 2.5 l; 10 l; 30 l.
<b>Storage</b>	Cool and dry. Shelf life: unopened at least 4 years. Opened products react with oxygen, over time skin formation and rancid smell can occur. Residues should be transferred into smaller containers.



**Danger**

How to use

## KALDET Transparent Wood Stain No. 270-002

- Preparation** In case of already opened containers, remove any skin that might have formed on the surface, then stir thoroughly. Surface must be dry (wood moisture content below 15%), solid, finely sanded (180 grain), absorbent, clean and free of resin and dust. The moisture content of coniferous wood and tropical deciduous wood should not be higher than 15%; for European deciduous wood the moisture content should not exceed 12%.
- Interior wood:** Prime with DUBNO Priming Oil No. 261. Then apply 1 to 3 coats of KALDET No. 270-002, depending on the area of application and the required degree of protection,  
**1st application:** Apply a thick coat and after approx. 5-15 minutes re-brush the surface. Remove any excess oil after 20 minutes at the latest with a lint-free cotton cloth.  
**2nd and 3rd application:** Apply very thinly and polish immediately with a lint-free cotton cloth.
- Cabinet interiors  
Multiplex, veneer,  
glued wood (interior)** Follow the preparation instructions: see above. Do not prime!  
Depending on use of the surface 1 – 2 sparing coats with KALDET Transparent Wood Stain No. 270
- Care and cleaning indoors** Remove stains with TRENA pH-Neutral Cleaner No. 556 (diluted according to the Technical Information Sheet). If the surface looks matt, a thin application of KALDET Transparent Wood Stain No. 270 is recommended to refresh the surface. Possible damages to the surface may become more visible after a new application.
- Important tips** Do a test application.
- If the stain drips off or bubbles appear during application, an incompatibility exists through the pre-treatment or it has been sanded to smooth. This could be remedied by coarser sanding.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at [www.livos.de](http://www.livos.de). This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the LIVOS customer service (see page 1).

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